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UTILITY PATENT APPLICATION

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Attorney	Docket No.	1744.1260001				
First Inventor		David F. Sorrells	١			
Title		em, and Method for Down-Converting and Electromagnetic Signals	Ė			
Town and Marie Town of Alexander						

Date

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16. Application Data Sheet. See 37 CFR 1.76. 17. Application Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Other: Authorization under 37 C.F.R. § 1.136(a)(3)(in duplicate) 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-Part (CIP) of prior application No: 09/550,644, filed April 14, 2000 Prior application information: Examiner: Jean Gelin Group/Art Unit: 2681 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Customer No. 26111 Attorneys at Law Altorneys	2. [] 3. 4. []	 Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages = 108] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Pages = 97] Oath or Declaration Inventor of the Drawing of the Draw				7. CD-ROM or CD-R in duplicate, large table or Computer Prograte (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503)					
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-Part (CIP) of prior application No: 09/550,644, filed April 14, 2000 Prior application information: Examiner: Jean Gelin Group/Art Unit: 2681 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Customer Number or Bar Code Label Customer Number or Bar Code Label Attorneys at Law ADDRESS CITY STATE ZIP CODE	Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).			s) ·§	6.	Nonpublicate form PTO/SI	ion Request under 35 B/35 or its equivalent	U.S.C. 122 (b)(2)(i			
Customer No. 26111 Customer No. 26111 (Insert Customer No. er Attech bar code label here) NAME STERNE, KESSLER, GOLDSTEIN & FOX P. L. D. Attorneys at Law ADDRESS CITY STATE Or Correspondence address below Correspondence address below ZIP CODE	or in an Pr For CON consider	Application Data She Continuation Continuation inform Tion application inform NTINUATION OR Direct a part of the disclosure.	et under 37 CFR I Divisional nation: Exam IVISIONAL APPS sure of the accomp	Continuation-in- inner: Jean Gelin Gro only: The entire discloserapying continuation or	Part (CIP) oup/Art Unit sure of the divisional	of it: 2681 prior ap applicat	prior application plication, from ion and is here	on No: 09/550,644, which an oath or c	filed April 14, 2	2000 plied under Box 5b,	is ly bo
Customer No. 26111 (Insert Customer No. er Attech bar code label here) NAME STERNE, KESSLER, GOLDSTEIN & FOX PACAD III Attorneys at Law ADDRESS CITY STATE ZIP CODE				19. CORF	RESPONI	DENC	E ADDRESS	· · · · · · · · · · · · · · · · · · ·			
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*LIMITED TO MATTERS AND PROCEEDINGS BEFORE
FEDERAL COURTS & AGENCIES
*REGISTERED PATENT AGENT ***SENIOR COUNSEL

May 16, 2001

WRITER'S DIRECT NUMBER: (202) 371-2674 **INTERNET ADDRESS:** mlee@skgf.com

Commissioner for Patents Washington, D.C. 20231

Re:

Box Patent Application

U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)

Appl. No. (to be assigned); Filed: May 16, 2001

Apparatus, System, and Method for Down-Converting

and Up-Converting Electromagnetic Signals

Inventors: Sorrells et al. Our Ref: 1744.1260001

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- USPTO Utility Patent Application Transmittal Form PTO/SB/05; 1.
- 2. U.S. Utility Patent Application entitled:

Apparatus, System, and Method for Down-Converting and Up-Converting Electromagnetic Signals

and naming as inventors:

David F. Sorrells Michael J. Bultman Robert W. Cook Richard C. Looke Charley D. Moses, Jr. **Gregory S. Rawlins** Michael W. Rawlins

Commissioner for Patents May 16, 2001 Page 2

the application comprising:

- a. specification containing:
 - i. 89 pages of description prior to the claims;
 - ii. 18 pages of claims (90 claims, 10 independent);
 - iii. a one (1) page abstract;
- b. 97 sheets of drawings: (Figures 1A-1D, 2, 3A-3G, 4-5, 6A-6B, 7A-7B, 8-12, 13A-13I, 14-15, 16A-16O, 17, 18A-18E, 19, 20A-20F, 21-23, 24A-24K, 25A-25F, 26A-26F, 27A-27E, 28-30, 31A-31C, 32-44, 45A-45E, and 46-62); and
- c. an Application Data Sheet (37 C.F.R. § 1.76).
- 3. 37 C.F.R. § 1.136(a)(3) Authorization to Treat a Reply As Incorporating An Extension of Time (*in duplicate*); and
- 4. Two (2) return postcards.

Correspondence should be sent to Customer Number 26111.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

ESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael Q. Lee

Attorney for Applicants Registration No. 35,239

MQL/VLB/sjc P:\USERS\VBEASTON\1744.1260001\APP.CVR SKGF Rec. 2/13/01 mac